# Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 17 Feb 2021 until 23:59 on Thursday 18 Feb 2021

Forecast Issued on Tuesday 16 Feb 2021 at 16:40

**Confidence:** High for changeable, and at times wet and windy conditions. Medium for cloud amounts.

**Headline for Wednesday 17 Feb 2021:** Mainly dry and bright during daylight hours. Windy.

**Mountain weather hazards on Wednesday 17 Feb 2021**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy Snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>Low Likelihood | **Severe chill effect**<br>Low Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Partly cloudy (night) | Cloudy | Heavy Rain | Cloudy | Sunny intervals | Sunny intervals | Light rain | Heavy Rain |
| Precipitation probability | | | | | | | |
| 10% | 30% | 70% | 30% | 20% | 20% | 50% | 70% |

**Forecast for Wednesday 17 Feb 2021**

**Weather:** Overnight rain. Plenty of dry and bright weather during daylight hours, although the odd showers is possible. Rain spreading in from the south in the evening.

**Chance of cloud free mountain/hill tops above 600m:** 90% during daylight hours, occasional or extensive cloud above the summits. 30% early and late in the day, extensive cloud, base 600m or less.

**Visibility:** Mainly very good, but lowering in any showers. Moderate or poor in any rain.

**Forecast for Wednesday 17 Feb 2021**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 21/28 SW | 22/30 S | 25/35 S | 25/35 SW | 25/35 SW | 20/29 SW | 17/25 S | 22/31 S | 28/40 S |
| **300** | 9/22 SW | 11/27 S | 15/32 S | 15/31 SW | 16/30 SW | 12/25 SW | 10/22 S | 13/28 S | 17/36 S |
| **Valley** | 7/19 S | 11/30 S | 13/31 S | 12/27 SW | 13/28 SW | 9/21 SW | 7/21 S | 12/28 S | 14/33 S |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 3/-3 | 2/-4 | 3/-3 | 3/-3 | 4/-2 | 4/-1 | 4/-1 | 4/-1 | 5/-0 |
| **300** | 5/2 | 4/-0 | 5/1 | 6/1 | 7/3 | 7/4 | 6/3 | 6/3 | 7/3 |
| **Valley** | 6/3 | 6/2 | 7/3 | 6/3 | 8/5 | 8/6 | 7/5 | 8/5 | 9/5 |
| **Freezing Level*** | 1100m | 1100m | 1100m | 1000m | 1000m | 1000m | 1200m | 1500m | 1600m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**
Nothing further to add.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 15:00 on Tue 16 Feb 2021 | 3.2mm | 10.6mm | 11.4mm |

**Forecast for Thursday 18 Feb 2021**

**Weather:** Cloudy with outbreaks of rain overnight and during the morning, Turning more showery in the afternoon and evening with some brighter spells. The showers possibly wintry over the highest tops. Windy with a significant wind chill.

**Maximum wind:** South 30 to 40mph gusting 60mph, turning Southwest 25mph gusting 40mph during the morning.

**Chance of cloud free mountain/hill tops above 600m:** 60%, occasional or extensive cloud around the highest tops.

**Visibility:** Moderate or poor in rain or showers, otherwise very good.

**Temperature:** **Valleys:** Plus 5 to 8 Celsius
**At 600m:** Plus 3 Celsius falling Zero Celsius by dusk
**Freezing level:** Above the summits lowering to around 600m by dusk.